

Title (en)

WIRELESS RELAY DEVICE, WIRELESS LAN SYSTEM, WIRELESS RELAY METHOD AND PROGRAM

Title (de)

DRAHTLOSE RELAISVORRICHTUNG, DRAHTLOSES LAN-SYSTEM, DRAHTLOSES RELAISVERFAHREN UND PROGRAMM DAFÜR

Title (fr)

DISPOSITIF DE RELAIS SANS FIL, SYSTÈME DE RÉSEAU LOCAL SANS FIL, PROCÉDÉ DE RELAIS SANS FIL ET PROGRAMME

Publication

**EP 2654349 A1 20131023 (EN)**

Application

**EP 11849459 A 20111130**

Priority

- JP 2010276767 A 20101213
- JP 2011006705 W 20111130

Abstract (en)

[PROBLEM TO BE SOLVED] Achieve power saving without causing a connection delay [SOLUTION] A wireless relay device (2 to 4) that emits a beacon and makes a wireless connection with a terminal (5#1/47) responding to the beacon, which includes a selecting means (10) capable of alternatively selecting a normal mode in which the beacon is emitted in a first cycle and a power saving mode in which the beacon is emitted in a second cycle longer than the first cycle. Since a beacon is emitted in the second cycle longer than the first cycle, the number of times of beacon emissions can be decreased to improve power saving capability. Also, since the beacons are not disrupted, a connection delay is not caused.

IPC 8 full level

**H04W 52/02** (2009.01); **H04W 84/12** (2009.01)

CPC (source: EP US)

**H04W 52/0203** (2013.01 - EP US); **H04W 52/0248** (2013.01 - EP US); **Y02D 30/70** (2020.08 - EP US)

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DOCDB simple family (publication)

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